

Please amend the following paragraphs of the specification in the manner indicated:

[0003] Typically encryption keys are certified by trusted ~~authorises~~ authorities and are disseminated using digital certificates where, to allow wide spread availability of cryptographic processes, a hierarchy of trusted authorities exist. Within a hierarchy of trusted authorities a root trusted authority issues a digital certificate relating to a private/public key to a second level trusted authority by using the root ~~authorities~~ authority's private key to sign the second level's trusted ~~authorities~~ authority's public key and thereby providing confirmation that the second level private key is authorized by the root authority. Correspondingly the second level trusted authority issues a digital certificate relating to a different private/public key to a third level trusted authority that is signed with the second level's private key and so forth. However, for a user to determine that the public key associated with the third level trusted authority is derived with the authority of the root trusted authority it is necessary for the user to trace the digital certificates that incorporated the various public keys.